

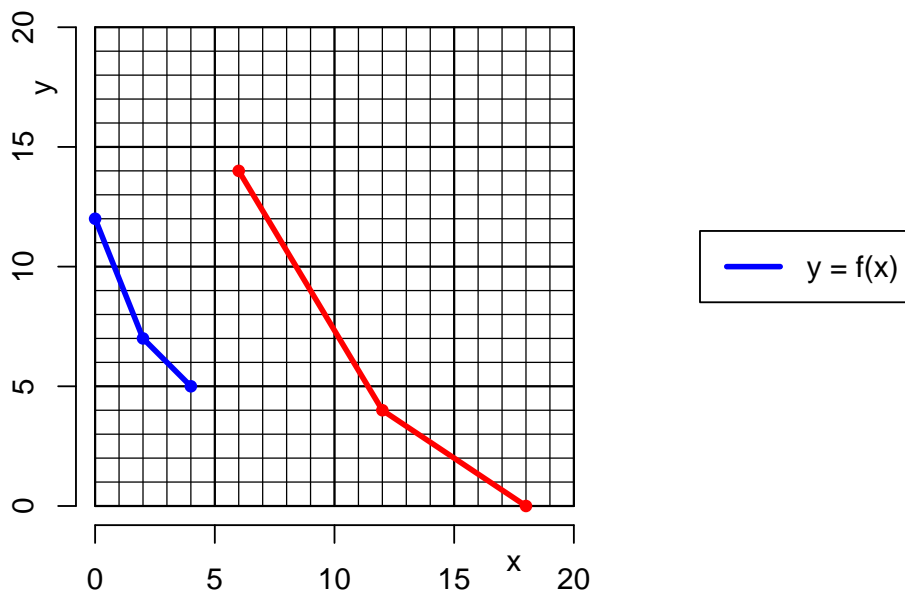
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 13)

### Question 1

Curve  $y = f(x)$  contains points  $(0, 12)$  and  $(2, 7)$  and  $(4, 5)$ , as shown on the  $x$ - $y$  plane below.

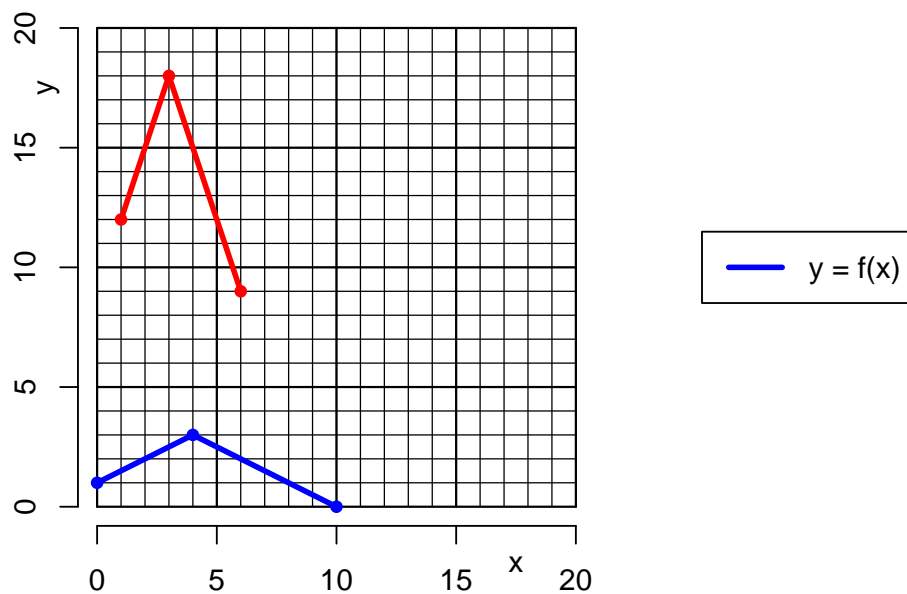


On the same plane, please draw the curve represented by the equation below:

$$y = 2 \left( f \left[ \frac{x}{3} - 2 \right] - 5 \right)$$

## Question 2

Curve  $y = f(x)$  contains points  $(0, 1)$  and  $(4, 3)$  and  $(10, 0)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = 3(f[2x - 2] + 3)$$